

APR 10 2006

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or **Fax** (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

01/11/2006

Jeffrey R. Ramberg  
M Cubed Technologies, Inc.  
One Tralee Industrial Park  
Newark, DE 19711

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Jeffrey R. Ramberg	(Depositor's name)
<i>Jeffrey R. Ramberg</i>	(Signature)
April 10, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,818	02/11/2002	Prashant G. Karandikar	M-102-A	8122

TITLE OF INVENTION: LOW EXPANSION METAL-CERAMIC COMPOSITE BODIES, AND METHODS FOR MAKING SAME

04/12/2006 CNGUYEN1 00000020 501020 10073818

01 FC:2501

700.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S)	DATE DUE
nonprovisional	YES	\$700	\$0	\$700	04/11/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
WEISBERGER, RICHARD C	3624	428-292100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Law Office of  
 2. Jeffrey R. Ramberg  
 3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-1020 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  
 NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Jeffrey R. RambergDate April 10, 2006Typed or printed name Jeffrey R. RambergRegistration No. 34,700

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**RECEIVED**  
**CENTRAL FAX CENTER****APR 10 2006****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Karandikar et al.  
Serial No.: 10/073,818  
Filed: February 11, 2002

Group Art Unit: 3624  
Examiner: Weisberger, Rich  
Atty. Docket No. M-102-A

For: Low Expansion Metal-Ceramic Composite Bodies, and Method for Making Same

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PAYMENT OF ISSUE FEE**

Dear Sir:

In regard to the Notice of Allowance and Fee(s) Due dated January 11, 2006, Applicants submit herewith the Issue Fee for the above-identified patent application.

Specifically, applicants submit the Issue Fee Transmittal (Form PTOL-85B), and fees in the amount of \$715.00 to cover the cost of the small entity Issue Fee under 37 C.F.R. §1.18(a) and five (5) advanced copies of the patent. The Commissioner is authorized to debit the undersigned's Deposit Account No. 50-1020 in this amount, and is further authorized to debit this account for any deficiency.

Should the Patent Office deem that further action is required on the part of Applicants, the Office is invited to contact Applicants' undersigned representative.

Respectfully submitted,



Jeffrey R. Ramberg  
Reg. No. 34,700

April 10, 2006

c/o M Cubed Technologies, Inc.  
One Tralee Industrial Park  
Newark, Delaware 19711

phone: (302) 454-8600 ext. 319  
fax: (302) 454-8605  
e-mail: j\_ramberg@mmmt.com

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APR 10 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

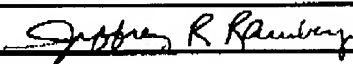
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/073,818
	Filing Date	02/11/2002
	First Named Inventor	Karandikar, Praehant G.
	Art Unit	3824
	Examiner Name	Weisberger, Rich
Total Number of Pages in This Submission	Attorney Docket Number	M-102-A

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): (1) Form PTOL-85B (2) cover letter (3) Certificate of Fax Transmission
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	c/o M Cubed Technologies, Inc.		
Signature			
Printed name	Jeffrey R. Ramberg		
Date	04/10/2006	Reg. No.	34,700

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Jeffrey R. Ramberg	Date	04/10/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APR 10 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karandikar et al.  
Serial No.: 10/073,818  
Filed: February 11, 2002

Group Art Unit: 3624  
Examiner: Weisberger, Rich  
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For: Low Expansion Metal-Ceramic Composite Bodies, and Method for Making Same

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate of Transmission Under 37 CFR §1.8

I hereby certify that, on the date shown below, the following correspondence is being transmitted by facsimile machine to number 571-273-8300 at the United States Patent and Trademark Office:

Payment of Issue Fee cover letter (1 sheet)

Form PTOL-85B (Fee Transmittal) (1 sheet, plus 1 copy)

Transmittal (1 sheet)

April 10, 2006  
Date

Jeffrey R. Ramberg  
Signature

Jeffrey R. Ramberg  
Typed or printed name of person signing Certificate

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